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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
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EXAMINER

KUMAR, SRILAKSHMI K

ART UNIT PAPER NUMBER

2675

DATE MAILED: 02/26/2004

5

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/051,977

Applicant(s)

GARCIA, MARIA LUCIA

Examiner

Srilakshmi K. Kumar

Art Unit

2675

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 08 December 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

The following office action is in response to Amendment A, filed December 8, 2003. Claims 1, 13 and 16 have been amended.

#### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Autry et al (US 5,724,106) in view of Olsen et al (US 6,137,479).

As to independent claims 1 and 13, Autry et al disclose an enhanced pointing device (Figs. 9a-c) comprising; a pointing device operable to be communicatively coupled to a computer device (Fig. 1, item 124), wherein said pointing device includes; at least one control activator (Figs 9a-c, items shown are different buttons for operating different devices such as the computer, television, VCR, telephone, etc.), wherein manipulation of said at least one control activator results in a generation and transmission of at least one control signal to at least one electronic device (col. 11, lines 52-60, wherein operating a telephone), wherein said at least one control signal influences the operation of said at least one electronic device, and wherein the influence on the operation does not include enabling a user to interact with a graphical user interface being provided at least in part via said computer device, if said computer device is included in said at least one electronic device (Autry et al disclose where the remote is used to control a telephone in col. 11, lines 52-60 and col. 15, lines 37-46). Autry et al do not disclose

Art Unit: 2675

wherein the influence on operation can include enabling a user to interact with at least one electronic device not coupled to the computer device.

In a similar field of endeavor, Olsen et al disclose a wireless, programmable, computer pointing device including a keypad for use with a remote computer as well as other peripherals. Olsen et al disclose in col. 4, lines 64-67 where the computer mouse can be programmed to perform other functions such as controlling auxiliary devices such as a television or a garage door opener. It would have been obvious to one of ordinary skill in the art to incorporate the programmable embodiment of the Olsen et al pointing device into that of the Autry et al as the programmable feature of Olsen is advantageous as it has increased functionality and capabilities.

As to independent claim 16, Autry et al disclose an enhanced pointing device (Figs. 9a-c) comprising; an input device that is operable to be communicatively coupled to a computer device (Figs. 9a-c and Fig. 10), said input device enabling a user to interact with an application graphically interfacing with a user (col. 11, lines 24-41), at least in part, via said computer device, said input device including; at least one control activator, wherein manipulation of said at least one control activator results in generation and transmission of at least one control signal to at least one electronic device (col. 12, lines 1-46), wherein at least one control signal influences the operation of said at least one electronic device (col. 12, lines 1-46, operation of the television or VCR), wherein the influence on operation includes at least one of said at least one electronic device being turned on or off (col. 12, lines 1-2), and wherein the influence on operation does not include interacting with said application (col. 12, lines 1-2, turning on and off). Autry et al do not disclose wherein the influence on operation can include enabling a user to interact with at least one electronic device not coupled to the computer device.

Art Unit: 2675

In a similar field of endeavor, Olsen et al disclose a wireless, programmable, computer pointing device including a keypad for use with a remote computer as well as other peripherals. Olsen et al disclose in col. 4, lines 64-67 where the computer mouse can be programmed to perform other functions such as controlling auxiliary devices such as a television or a garage door opener. It would have been obvious to one of ordinary skill in the art to incorporate the programmable embodiment of the Olsen et al pointing device into that of the Autry et al as the programmable feature of Olsen is advantageous as it has increased functionality and capabilities.

As to dependent claim 2, limitations of claim 1, and further comprising, wherein manipulation of each of said at least one control activator influences the operation of a different device of said at least one electronic device (Fig. 1, item 168, the CD jukebox).

As to dependent claim 3, limitations of claim 1, and further comprising, wherein manipulation of a plurality of said at least one control activator influences the operation of a particular device of said at least one electronic device, and wherein manipulation of each control activator of said plurality influences a different operational aspect of said particular device (shown in Fig. 1, remote control can control several different electronic devices).

As to dependent claim 4, limitations of claim 1, and further comprising, wherein the influence on operation includes at least one of said at least one electronic device on or off, (Fig. 9a, item 912, col. 12, lines 1-2, discloses a power switch for turning on and off).

As to dependent claim 5, limitations of claim 1, and further comprising, wherein at least one of said at least one control activator is operable to influence the operation of at least one of said at least one electronic device in more than one manner (the device shown in Fig. 9 is able to

Art Unit: 2675

control the devices shown in Fig. 1, such as changing TV channels, increasing volume, col. 12, lines 1-20).

As to dependent claim 6, limitations of claim 5, and further comprising, wherein said at least one of said at least one control activator is operable to turn said at least one of said at least one electronic device on or off, as well as to adjust the volume of audio provided by said at least one of said at least one electronic device (the device shown in Fig. 9 is able to control the devices shown in Fig. 1, such as changing TV channels, increasing volume, col. 12, lines 1-20).

As to dependent claim 7, limitations of claim 1, and further comprising, wherein said pointing device is part of a mouse (Fig. 9a-c, shows mouse track ball, item 910).

As to dependent claim 8, limitations of claim 1, and further comprising, wherein said at least one electronic device includes said computer device (Fig. 1).

As to dependent claim 9, limitations of claim 1, and further comprising, wherein said at least one electronic device includes a telephone, and wherein the influences of operation includes answering said telephone (col. 11, lines 52-61).

As to dependent claim 10, limitations of claim 1, and further comprising, wherein said at least one electronic device includes a copy machine. Although Autry et al do not disclose a copy machine, it would have been obvious to one of ordinary skill in the art that a copy machine could have been added to the home entertainment center as it would have been advantageous for copying pictures or documents.

As to dependent claim 11, limitations of claim 1, and further comprising, wherein said at least one electronic device includes a printer. Although Autry et al do not disclose a printer, it would have been obvious to one of ordinary skill in the art that a printer could have been added

Art Unit: 2675

as a personal computer is already shown and would have been advantageous in order for the user to print documents from the computer.

As to dependent claim 12, limitations of claim 1, and further comprising, wherein at least one of said at least one control activator is situated at a location on said pointing device whereby the chance of accidental manipulation of said at least one of said at least one control activator is reduced (col. 11, lines 42-46).

As to dependent claim 14, limitations of claim 13, and further comprising, wherein further including converting said at least one control signal into a format compatible with at least one of said at least one electronic device (col. 12, lines 40-46, wherein the keyboard embodiment of the device is shown, there are power buttons and channels and volume controls which communication with the TV/VCR).

As to dependent claim 15, limitations of claim 13, and further comprising, wherein the influence on operation includes turning at least one of said at least one electronic device on or off (col. 12, lines 40-46, wherein the keyboard embodiment of the device is shown, there are power buttons and channels and volume controls which communication with the TV/VCR).

As to dependent claim 17, limitations of claim 16, and further comprising, wherein at least one of said at least one electronic device is said computer device (Fig. 1).

As to dependent claim 18, limitations of claim 17, and further comprising, wherein said input device is in part a pointing device (Figs. 9a-c, disclose a mouse track ball, item 910).

As to dependent claim 19, limitations of claim 1, wherein said input device is in part a keyboard (Fig. 10).

Art Unit: 2675

As to dependent claim 20, limitations of claim 17, and further comprising, wherein at least one of said at least one control activator is operable to influence the operation of at least one of said at least one electronic device in more than one manner (the device shown in Fig. 9 is able to control the devices shown in Fig. 1, such as changing TV channels, increasing volume, col. 12, lines 1-20).

### *Response to Arguments*

3. Applicant's arguments with respect to claims 1, 13 and 16 have been considered but are moot in view of the new ground(s) of rejection.

### *Conclusion*

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.



Art Unit: 2675

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Srilakshmi K. Kumar** whose telephone number is **(703) 306 5575**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Saras, can be reached at (703) 305-9720.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**or faxed to:**

**(703) 872-9314 (for Technology Center 2600 only)**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is 703 305 47000377.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Srilakshmi K. Kumar whose telephone number is 703 306 5575. The examiner can normally be reached on 8:00 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven J. Saras can be reached on 703 305 9720. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.


Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703 305 4700.

Application/Control Number: 10/051,977  
Art Unit: 2675

Page 9

Srilakshmi K. Kumar  
Examiner  
Art Unit 2675

SKK  
February 20, 2004

  
DENNIS-DOON CHOW  
PRIMARY EXAMINER